864 Text Message

Functional Group ID=TX

Introduction:

This Draft Standard for Trial Use contains the format and establishes the data content of the Text Message Transaction Set (864) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide users with a capability to electronically move messages, contracts, explanations, and other one-time communications. It is the intent of this transaction set to provide electronic communication (messages) for people, not for computer processing. The use of the transaction set to transmit quasi or unique transaction set standards is discouraged. The use of the Text Message transaction set demands of the sender certain detailed information about the recipient. The transaction set's purpose is to provide communication to the recipient in some human-readable form. The recipient's network will dictate what capabilities are available for delivery of the information. It is the responsibility of the sender to obtain this information and include it in the transmission.

Notes:

This implementation of the ANSI ASC X12 864 Transaction Set is used by the Federal Government to provide administrative information concerning trading partner registration in the Central Contractor Registration System.

Heading:

Page No.	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
3	0100	ST	Transaction Set Header	M	1		
4	0200	BMG	Beginning Segment For Text Message	M	1		
6	0300	DTM	Date/Time Reference	O	10		
			LOOP ID - N1			200	
7	0400	N1	Name	O	1		
Not Used	0500	N2	Additional Name Information	O	2		
Not Used	0600	N3	Address Information	O	2		
Not Used	0700	N4	Geographic Location	O	1		
9	0800	REF	Reference Identification	O	12		
11	0900	PER	Administrative Communications Contact	O	3		

Detail:

Page No.	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
			LOOP ID - MIT			>1	
13	0100	MIT	Message Identification	M	1		
			LOOP ID - N1			200	
Not Used	0200	N1	Name	O	1		

Not Used	0300	N2	Additional Name Information	O	2
Not Used	0400	N3	Address Information	O	2
Not Used	0500	N4	Geographic Location	O	1
Not Used	0600	REF	Reference Identification	O	12
Not Used	0700	PER	Administrative Communications Contact	O	3
14	0800	MSG	Message Text	M	>1

Summary:

Page No.	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
15	0100	SE	Transaction Set Trailer	M	1		

Segment:	**ST** **Transaction Set Header**
Position:	0100
Loop:	
Level:	Heading
Usage:	Mandatory
Max Use:	1
Purpose:	To indicate the start of a transaction set and to assign a control number
Syntax Notes:	
Semantic Notes:	1 The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).
	2 The implementation convention reference (ST03) is used by the translation routines of the interchange partners to select the appropriate implementation convention to match the transaction set definition.
Comments:	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	ST01	143	**Transaction Set Identifier Code**	**M ID 3/3**
			Code uniquely identifying a Transaction Set	
			864 Text Message	
M	ST02	329	**Transaction Set Control Number**	**M AN 4/9**
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	
			A unique number assigned to this transaction set for control purposes. Usually assigned by the translation software. This is the same number that appears in the SE02.	
	ST03	1705	**Implementation Convention Reference**	**O AN 1/35**
			Reference assigned to identify Implementation Convention	
			Cite 004030F864T0	

Segment:	**BMG** Beginning Segment For Text Message		
Position:	0200		
Loop:			
Level:	Heading		
Usage:	Mandatory		
Max Use:	1		
Purpose:	To indicate the beginning of a Text Message Transaction Set		
Syntax Notes:			
Semantic Notes:			
Comments:	**1** BMG02 contains the message subject.		

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	BMG01	353	**Transaction Set Purpose Code**	M ID 2/2

Code identifying purpose of transaction set

00	Original

Use to indicate an original transmittal.

01	Cancellation

Use to indicate the cancellation of a previously transmitted message text.

03	Delete

Use to indicate the deletion of a MIT loop from a previous message. When used, identify the previous message in the 1/REF/0800 segment and identify the original MIT01 number being deleted in MIT01 of 2/MIT/0100 segment. State DELETED in MSG01 of the 2/MSG/0800 segment.

05	Replace

Use to indicate the replacement of a MIT loop from a previous message. When used, identify the previous message in the 1/REF/0800 segment and identify the original MIT01 number being replaced in MIT01 of 2/MIT/0100 segment.

07	Duplicate

Use to indicate the re-transmission of a previously transmitted text information.

	BMG02	352	**Description**	O AN 1/80

A free-form description to clarify the related data elements and their content

Use to provide a brief overall subject of the text message.

Not Used	BMG03	640	**Transaction Type Code**	O ID 2/2

Code specifying the type of transaction

Segment:		**DTM** Date/Time Reference			
Position:	0300				
Loop:					
Level:	Heading				
Usage:	Optional				
Max Use:	10				
Purpose:	To specify pertinent dates and times				
Syntax Notes:	**1**	At least one of DTM02 DTM03 or DTM05 is required.			
	2	If DTM04 is present, then DTM03 is required.			
	3	If either DTM05 or DTM06 is present, then the other is required.			
Semantic Notes:					
Comments:					

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
M	DTM01	374	**Date/Time Qualifier**	M	ID 3/3
			Code specifying type of date or time, or both date and time		
			097 Transaction Creation		
			Use to indicate the date the transaction set was created.		
Must Use	DTM02	373	**Date**	X	DT 8/8
			Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year		
Must Use	DTM03	337	**Time**	X	TM 4/8
			Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)		
Not Used	DTM04	623	**Time Code**	O	ID 2/2
			Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow		
Not Used	DTM05	1250	**Date Time Period Format Qualifier**	X	ID 2/3
			Code indicating the date format, time format, or date and time format		
Not Used	DTM06	1251	**Date Time Period**	X	AN 1/35
			Expression of a date, a time, or range of dates, times or dates and times		

Segment:	**N1** Name		
Position:	0400		
Loop:	N1 Optional		
Level:	Heading		
Usage:	Optional		
Max Use:	1		
Purpose:	To identify a party by type of organization, name, and code		
Syntax Notes:	1	At least one of N102 or N103 is required.	
	2	If either N103 or N104 is present, then the other is required.	
Semantic Notes:			
Comments:	1	This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.	
	2	N105 and N106 further define the type of entity in N101.	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	N101	98	**Entity Identifier Code**	**M ID 2/3**

Code identifying an organizational entity, a physical location, property or an individual

FR	Message From
TO	Message To

	Ref. Des.	Data Element	Name	Attributes
	N102	93	**Name**	**X AN 1/60**

Free-form name

Whenever possible, identification and address information should be provided using N101, N103 and N104. Use N102 when the address cannot be provided using one of the codes listed in N103.

	Ref. Des.	Data Element	Name	Attributes
	N103	66	**Identification Code Qualifier**	**X ID 1/2**

Code designating the system/method of code structure used for Identification Code (67)

1	D-U-N-S Number, Dun & Bradstreet

Use of the DUNS or DUNS+4 number is preferred over any other coded number to identify an entity.

9	D-U-N-S+4, D-U-N-S Number with Four Character Suffix

Use of the DUNS or DUNS+4 number is preferred over any other coded number to identify an entity.

	Ref. Des.	Data Element	Name	Attributes
	N104	67	**Identification Code**	**X AN 2/80**

Code identifying a party or other code

	Ref. Des.	Data Element	Name	Attributes
Not Used	N105	706	**Entity Relationship Code**	**O ID 2/2**

Code describing entity relationship

	Ref. Des.	Data Element	Name	Attributes
Not Used	N106	98	**Entity Identifier Code**	**O ID 2/3**

Code identifying an organizational entity, a physical location, property or an individual

Segment:	**REF** Reference Identification	
Position:	0800	
Loop:	N1 Optional	
Level:	Heading	
Usage:	Optional	
Max Use:	12	
Purpose:	To specify identifying information	
Syntax Notes:	1 At least one of REF02 or REF03 is required.	
	2 If either C04003 or C04004 is present, then the other is required.	
	3 If either C04005 or C04006 is present, then the other is required.	
Semantic Notes:	1 REF04 contains data relating to the value cited in REF02.	
Comments:		
Notes:	*1. Use to identify a transaction set to which the text message applies.*	
	2. Use also to provide a unique reference number for this transaction set.	
	3. There must be at least 2 occurrences of this REF segment with code TN and ME cited in REF01 to identify the unique reference number of the transaction set to which this message applies and to identify this transaction set.	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	REF01	128	**Reference Identification Qualifier**	M ID 2/3

Code qualifying the Reference Identification

ME	Message Address or ID	

Use to indicate the unique reference number of this transaction set. When this 864 transaction set refers to another 864 transaction set, use another iteration of the REF segment with code TN to identify the other 864 transaction set.

TN	Transaction Reference Number	

Use to indicate the unique reference number of the transaction set to which this text message applies. Cite the reference number in the REF02 and identify the transaction set in REF03.

	Ref. Des.	Data Element	Name	Attributes
	REF02	127	**Reference Identification**	X AN 1/50

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

When transmitting the unique reference number of an 838 transaction set, cite the number in the BTP02 of the 838 transaction set.

	Ref. Des.	Data Element	Name	Attributes
	REF03	352	**Description**	X AN 1/80

A free-form description to clarify the related data elements and their content

> *Use to identify the transaction set applicable to the unique reference number cited in REF02, e.g. 810 Invoice (Commercial Invoice) transaction set, 838 Trading Partner Profile (Registration) transaction set, etc.*

Not Used	REF04	C040	**Reference Identifier**	O	

To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier

Not Used	C04001	128	**Reference Identification Qualifier**	M	ID 2/3

Code qualifying the Reference Identification

Not Used	C04002	127	**Reference Identification**	M	AN 1/50

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

Not Used	C04003	128	**Reference Identification Qualifier**	X	ID 2/3

Code qualifying the Reference Identification

Not Used	C04004	127	**Reference Identification**	X	AN 1/50

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

Not Used	C04005	128	**Reference Identification Qualifier**	X	ID 2/3

Code qualifying the Reference Identification

Not Used	C04006	127	**Reference Identification**	X	AN 1/50

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

Segment:	**PER** Administrative Communications Contact			
Position:	0900			
Loop:	N1 Optional			
Level:	Heading			
Usage:	Optional			
Max Use:	3			
Purpose:	To identify a person or office to whom administrative communications should be directed			
Syntax Notes:	1 If either PER03 or PER04 is present, then the other is required.			
	2 If either PER05 or PER06 is present, then the other is required.			
	3 If either PER07 or PER08 is present, then the other is required.			
Semantic Notes:				
Comments:				

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	PER01	366	**Contact Function Code**	M ID 2/2

Code identifying the major duty or responsibility of the person or group named

IC	Information Contact	

Use to indicate a point of contact for this transaction set.

	PER02	93	**Name**	O AN 1/60

Free-form name

Cite the last name followed by the first name. Do not truncate the last name if the whole is greater than 60 characters. Instead, truncate the first name or use the initial of the first name.

	PER03	365	**Communication Number Qualifier**	X ID 2/2

Code identifying the type of communication number

When PER03 = " TE " or " FX ", PER 04 should be formatted as : (XXX) XXX-XXXX.

AU	Defense Switched Network	
ED	Electronic Data Interchange Access Number	
EM	Electronic Mail	
FX	Facsimile	
IT	International Telephone	

Include country code.

TE	Telephone	

Use to indicate the commercial telephone number of the named party.

	PER04	364	**Communication Number**	X AN 1/256

Complete communications number including country or area code when applicable

| | PER05 | 365 | **Communication Number Qualifier** | **X** | **ID 2/2** |

Code identifying the type of communication number

When PER05 = " TE " or " FX ", PER 06 should be formatted as : (XXX) XXX-XXXX.

	AU	Defense Switched Network
	ED	Electronic Data Interchange Access Number
	EM	Electronic Mail
	FX	Facsimile
	IT	International Telephone

Include country code.

| | TE | Telephone |

Use to indicate the commercial telephone number of the named party.

| | PER06 | 364 | **Communication Number** | **X** | **AN 1/256** |

Complete communications number including country or area code when applicable

| | PER07 | 365 | **Communication Number Qualifier** | **X** | **ID 2/2** |

Code identifying the type of communication number

When PER07 = " TE " or "FX ", PER08 should be formatted as: (XXX) XXX-XXXX.

	AU	Defense Switched Network
	ED	Electronic Data Interchange Access Number
	EM	Electronic Mail
	FX	Facsimile
	IT	International Telephone

Include country code.

| | TE | Telephone |

*Use to indicate the commercial telephone number of the
named party.*

| | PER08 | 364 | **Communication Number** | **X** | **AN 1/256** |

Complete communications number including country or area code when applicable

| | PER09 | 443 | **Contact Inquiry Reference** | **O** | **AN 1/20** |

Additional reference number or description to clarify a contact number

Segment:	**MIT** Message Identification	
Position:	0100	
Loop:	MIT	Mandatory
Level:	Detail	
Usage:	Mandatory	
Max Use:	1	
Purpose:	To identify the beginning of a specific message and to allow the identification of a subject for the message	
Syntax Notes:		
Semantic Notes:	1 MIT01 contains the message number.	
	2 MIT02 contains the message subject.	
Comments:	1 MIT03 default is 80 characters.	
	2 MIT04 default is 66 lines.	
Notes:	*Use this segment to identify a more detailed subject of this text message.*	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	**MIT01**	**127**	**Reference Identification**	**M AN 1/50**

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

1. A unique number assigned by the originator of the message to identify multiple messages contained within this transaction set. For example, the number 001 can be used to refer to a message with the subject Packing Requirements, cited in MIT02 and the number 002 can be used in another iteration of this MIT segment to identify a second message with the subject Testing Procedures.

2. When BMG01 is code 03 or 05, cite the original MIT01 number used in the previous message.

	Ref. Des.	Data Element	Name	Attributes
	MIT02	**352**	**Description**	**O AN 1/80**

A free-form description to clarify the related data elements and their content

Use to provide a more detailed subject of the message.

	Ref. Des.	Data Element	Name	Attributes
Not Used	**MIT03**	**931**	**Page Width**	**O N0 1/3**

Definition of the maximum number of characters per line that can be expected in the message text

	Ref. Des.	Data Element	Name	Attributes
Not Used	**MIT04**	**932**	**Page Length Lines**	**O N0 1/3**

Definition of the maximum number of lines per page that can be expected in the message text

Segment:	**MSG** Message Text	
Position:	0800	
Loop:	MIT	Mandatory
Level:	Detail	
Usage:	Mandatory	
Max Use:	>1	
Purpose:	To provide a free-form format that allows the transmission of text information	
Syntax Notes:	1	If MSG03 is present, then MSG02 is required.
Semantic Notes:	1	MSG03 is the number of lines to advance before printing.
Comments:	1	MSG02 is not related to the specific characteristics of a printer, but identifies top of page, advance a line, etc.
	2	If MSG02 is "AA - Advance the specified number of lines before print" then MSG03 is required.
Notes:	*Use full 264 character capability of data element 933 (MSG01) unless specifically advised by the trading partner to limit length of any one iteration of the segment to 80 characters.*	

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
M	MSG01	933	**Free-Form Message Text**	**M**	**AN 1/264**
			Free-form message text		
			When BMG01 is code 03, cite DELETED.		
Not Used	MSG02	934	**Printer Carriage Control Code**	**X**	**ID 2/2**
			A field to be used for the control of the line feed of the receiving printer		
Not Used	MSG03	1470	**Number**	**O**	**N0 1/9**
			A generic number		

Segment:	**SE** Transaction Set Trailer		
Position:	0100		
Loop:			
Level:	Summary		
Usage:	Mandatory		
Max Use:	1		
Purpose:	To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)		
Syntax Notes:			
Semantic Notes:			
Comments:	**1**	SE is the last segment of each transaction set.	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	SE01	96	**Number of Included Segments**	M N0 1/10
			Total number of segments included in a transaction set including ST and SE segments	
M	SE02	329	**Transaction Set Control Number**	M AN 4/9
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	
			Use to transmit the same unique control number assigned by the originator of the transaction set, as the control number cited in ST02.	